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| STATEMENT | ГВҮ | APPI | LICANT |

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| Application Number | 10/083,032 | |
| Filing Date | February 26, 2002 | |
| First Named Inventor | H. Brock Kolls | |
| Art Unit | 3694 | |
| Examiner Name | Scott S. Trotter | |
| Attornay Docket No | HSE-674HS | |

Date

Considered

| | | SHEET 1 | | | USE-674US | | |
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| | | | U.S. PATEN | T DOCUMENTS | | | |
| | | Document Number | | | | Pages, Columns, Lines, Where | |
| Examiner Initials* | Cite No.1 | Number - Kind Code ^{2 (if known)} | Publication Dat (MM-DD-YYYY) | () Applicant o | of Patentee or f Cited Document | Relevant Passages or Relevan Figures Appear | |
| | | US-5,854,581 | 12/29/1998 | Mori et al. | | | |
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| | | Foreign Patent Docum | nent | Publication Date | Name of Patentee of Applicant of Cited | Pages, Columns, Lines, Where Relevant Passages or Relevant | |
| Examiner Initials* | Cite No.1 | Country Code ³ - Number ⁴ - Kind | y Code ³ - Number ⁴ - Kind Code ⁵ (If known) | | Document | Figures Appear | |
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Examiner

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²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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SHEET 2 of 4

| | Complete if Known | |
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| Filing Date | February 26, 2002 | |
| First Named Inventor | H. Brock Kolls | |
| Art Unit | 3694 | |
| Examiner Name | Scott S. Trotter | |
| Attorney Docket No. | USE-674US | |

| | | NON-PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | | Office Action dated September 16, 2008, Serial No. 10/153,478, filed May 22, 2002. | |
| | | Office Action dated January 8, 2008, Serial No. 10/153,478, filed May 22, 2002 | |
| | | Office Action dated September 7, 2007, Serial No. 10/153,478, filed May 22, 2002. | |
| | | Office Action dated February 21, 2007, Serial No. 10/153,478, filed May 22, 2002 | |
| | | Office Action dated August 10, 2006, Serial No. 10/153,478, filed May 22, 2002 | |
| | | Office Action dated March 23, 2006, Serial No. 10/153,478, filed May 22, 2002 | |
| | | Office Action dated June 12, 2008, Serial No. 11/348,744, filed February 7, 2006 | |
| | | Office Action dated October 30, 2008, Serial No 10/245,256, filed September 17, 2002. | |
| | | Office Action dated October 28, 2008, Serial No. 10/266,343, filed October 8, 2002 | |
| - | | Office Action dated May 7, 2004, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated August 11, 2004, Serial No. 10/277,458, filed October 22, 2002 | |
| <u></u> | | Office Action dated November 16, 2004, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated April 22, 2005, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated October 5, 2005, Serial No. 10/277,458, filed October 22, 2002 | |
| Examiner Signature | | Date Considered | |

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SHEET 3 of 4

| | Complete if Known | |
|----------------------|-------------------|--|
| Application Number | 10/083,032 | |
| Filing Date | February 26, 2002 | |
| First Named Inventor | H. Brock KOlls | |
| Art Unit | 3694 | |
| Examiner Name | Scott S. Trotter | |
| Attorney Docket No. | USE-674US | |

| | | NON-PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials* | Cite No.1 | Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T² |
| | | Office Action dated January 27, 2006, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated February 24, 2006, Seial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated September 26, 2006, Serial No. 10/277,458, filed October 22, 2002 | |
| · | | Office Action dated May 25, 2007, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated August 7, 2007, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated February 13, 2008, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated November 14, 2008, Serial No. 10/277,458, filed October 22, 2002 | |
| | | Office Action dated October 28, 2008, Serial No. 10/263,515, filed October 3, 2002 | |
| | | Office Action dated August 13, 2008, Serial No. 10/100,680, filed March 18, 2002 | |
| | | Office Action dated January 9, 2008, Serial No. 10/100,680, filed March 18, 2002 | |
| | | Office Action dated April 17, 2007, Serial No. 10/100,680, filed March 18, 2002 | |
| | | Office Action dated January 2, 2008, Serial No. 10/118,123, filed April 8, 2002 | |
| | | Office Action dated January 27, 2009, Serial No. 10/118,123, filed April 8, 20002 | |
| | | Office Action dated January 2, 2009, Serial No. 10/100,680, filed March 28, 2002 | |
| Examiner Signature | | Date Considered | 1 |

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| | Application Number | 10/083,032 | |
| INFORMATION DISCLOSURE | Filing Date | February 26, 2002 | ···· |
| STATEMENT BY APPLICANT | First Named Inventor | H. Brock KOlls | |
| (Use as many sheets as necessary) | Art Unit | 3694 | |
| | Examiner Name | Scott S. Trotter | |
| SHEET 4 of 4 | Attorney Docket No. | USE-674US | , |

| | | NON-PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|--|----------------|
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| | | Office Action dated September 30, 2002, Serial No. 09/884,755, filed June 19, 2001 | |
| | | Office Action dated December 22, 2008, Serial No. 90/008,448, filed March 23, 2007 | |
| | | Office Action dated April 25, 2007, Serial No. 90/008,448, filed March 23, 2007 | |
| | | Office Action dated May 5, 2008, Serial No. 90/008,448, filed March 23, 2007 | |
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